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rounded with a faint haze, fading away into the sky, the south side being the brightest or most easily seen.

Taking the sketch 3, and starting from the preceding side, and calling the five points *a*, *b*, *c*, *d*, *e*, the order of brightness was: *b* and *c* equal, and equal to 11 mag. stars; *a* and *d* about one third as bright, and *e* faintest. The distance between *b* and *c* was 31″·5. The distance between *a* and *e* was 135″·5. The position-angle of the line formed by the 5 points was 240° 20′.

On Jan. 30 a short view of the comet was obtained, when the appearance was unaltered. Position-angle of *b* and *c*, 245° 5′.

On Feb. 5 the comet was well seen about 80″ north of an 11 mag. double (position 256° 50′, distance 5″). The point *c* was the brightest, otherwise the relation was the same.

The position-angle of the two points was, at 8h 56m, 246° 15′.

On Feb. 24 the comet was well seen, 8h 15m to 8h 35m. The position-angle of the two brighter points, *b* and *c*, was 256° 22′ (mean of 4 measures).

The line of points or nuclei was noticed as concave to the N.; the order of brightness was as on last observation—*c* brightest, then *b*, *d*, *a* and *e*; the distance from *b* to *c*, a mean of 3 measures, gave 33″·13.

From Jan. 27 to Feb. 24 the general appearance was much the same. On the first-named day a faint star was noticed *p.* the first nucleus in such a position that it might be taken for another nucleus symmetrically placed with regard to the others, but the motion of the comet proved it to be a star.

On Feb. 24 I strongly suspected another nucleus following the last in order, and in such a position that it would be symmetrically placed. This, however, may have been a star. The comet was bright enough to be well seen, and it is only owing to the limit of my view that further observations have not been made.

1883, *May.*

Post-Perihelion Observations of the Great Comet (*b*) 1882.

By John Tebbutt.

The only accurate observations I was enabled to obtain of the Great Comet previously to its perihelion passage are those recorded in the *Monthly Notices* for November last. I have several absolute extra-meridian determinations of position on the day before perihelion, and on subsequent days, but as these can be depended on only to the nearest minute of arc they are scarcely worth publication. Of the post-perihelion positions now sent the first four depend on the 3-inch Transit Instrument. As bright stars were observed in sunlight, when possible, in combination with the comet, the deduced Right Ascensions on the

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meridian will doubtless be found to be pretty accurate. The North Polar Distances must, however, be regarded as only approximate, seeing they are derived from the readings of a setting-circle whose verniers subdivide to 20″, and by estimation to 10″. All the positions after Sept. 21 were obtained with the 4½-inch Equatorial, the filar micrometer being employed on Sept. 28, Oct. 10 and 12, and in the second set of comparisons for Oct. 7. All the other comparisons were made with an excellent square-bar micrometer. The changes which the comet's nucleus underwent after the perihelion rendered it difficult to decide as to what part of it should be observed. Towards the close of September the nucleus was large and circular, but on the 30th of that month it was first noticed to be elongated in the direction of a parallel of declination. On Oct. 2 its major axis was estimated to be three or four times its minor, and throughout the month the nucleus gradually increased in length, but not correspondingly in breadth. The inclination of the major axis to the parallel of declination gradually increased till about Nov. 22, when it was 45°; the nucleus, however, had become comparatively broader, and was very diffused and ill-defined. The second position for Oct. 7 and the positions for Oct. 10, 13, 14, and 16, refer to a small point of condensation situated about one-fourth of the major axis from the *following* or eastern extremity; all the other positions are those of the centre of the nucleus. During the latter part of October and early part of November the nucleus was more condensed at its extremities than in the middle, the *following* extremity being much the brighter. At the close of November this characteristic had disappeared. On Oct. 26 I adopted the plan of observing the contacts of each bright extremity of the nucleus with the four edges of the bar-micrometer, and thus obtained data for determining the coordinates of the centre and of the extremities. In the columns headed $\Delta\ \alpha$, $\Delta\ \pi$, I have given the corrections, always positive, to be applied to the tabulated R.A. and N.P.D. of the centre in order to obtain the corresponding coordinates of the brighter or *following* extremity. These corrections applied with the contrary sign will of course furnish the coordinates of the *preceding* extremity. During the latter half of November it was impossible to observe the ends of the nucleus with precision. The expediency of the above-described method of observation is fully illustrated by the fact that at Cordoba (see *Ast. Nach.* No. 2481) the *preceding* extremity of the nucleus was observed, though it is rather remarkable that it was recorded as the brighter.

During December and January the comet appeared as an ill-defined and somewhat oval nebulosity, slightly condensed towards the centre, but during February its oval form was not so well marked. During these months the centre only was observed. The comet is now barely visible in the telescope.

Windsor Mean Time.		Comet's Apparent R.A.	Δα	Comet's Apparent N.P.D.	Δπ	Parallax Factors for R.A. Log. $\frac{p}{P}$	Parallax Factors for N.P.D. Log. $\frac{q}{P}$	No. of Comp.	Comp. Star.
	d h m s	h m s		° ′ ″					
1882, Sept.	18 23 34 7	11 25 32·72		89 10 35·3			+9·7499		
	19 23 22 47	11 18 7·75		90 3 25·1			+9·7401		
	20 23 13 4	11 12 19·46		90 51 32·7			+9·7308		
	21 23 4 19	11 7 29·86		91 34 46·6			+9·7219		
	28 17 30 18	10 46 33 54		95 39 12·2		−8·7242	+9·7174	1	1
	29 17 33 51	10 44 21·04		96 10 13·5		−8·7181	+9·7121	1	2
	30 17 7 29	10 42 22·03		96 40 8·2		−8·7313	+9·7164	2	2
Oct.	2 16 58 44	* + 2 36·99		* + 12 22·0		−8·7307	+9·7110	5	3
	2 17 2 55	* + 4 58·91		* + 17 49·5		8·7283	+9·7094	2	4
	3 17 0 51	10 36 50·67		98 7 27·1		−8·7266	+9·7057	7	5
	5 16 29 30	10 33 35 59		99 2 30·7		−8·7385	+9·7103	4	6
	5 16 29 30	10 33 34·96		99 2 29·1		−8·7385	+9·7103	4	7
	5 16 36 54	10 33 34·48		* − 2 46·6		−8·7350	+9·7070	6	8
	6 16 34 28	* − 1 2·64		* − 2 25·5		−8·7339	+9·7032	3	9
	6 16 41 56	10 32 1·84		99 29 59·7		−8·7296	+9·6997	6	10
	7 16 17 56	10 30 32·20		99 56 12·0		−8·7400	+9·7072	5	11
	7 16 56 41	10 30 30·13		99 56 56·4		−8·7159	+9·6868	11	11
	10 16 10 29	10 26 14·43		101 14 19·7		−8·7376	+9·6963	9	12
	12 15 46 42	10 23 30·34		102 4 32·0		−8·7450	+9·7007	2	13

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Windsor Mean Time.	Comet's Apparent R.A.	Δα	Comet's Apparent N.P.D.	Δπ	Parallax Factors for R.A. Log. $\frac{p}{P}$	Parallax Factors for N.P.D. Log. $\frac{q}{P}$	No. of Comp.	Comp. Star.
d h m s	h m s		° ′ ″					
1882, Oct. 13 16 44 54	10 22 7·40		102 30 28·7		−8·7016	+9·6560	2	14
14 15 57 56	10 20 49·62		102 54 25·2		−8·7355	+9·6816	7	15
16 15 46 37	* + 12 18·30		* + 1 15·4		−8·7375	+9·6775	6	16
19 15 14 51	10 14 13·12		104 54 0·8		−8·7481	+9·6838	3	17
19 15 23 18	10 14 12·93		104 54 4·5		−8·7440	+9·6768	4	18
19 15 53 4	10 14 12·32		104 55 10·5		−8·7244	+9·6520	13	19
22 15 22 54	10 10 10·16		106 4 28·1		−8·7373	+9·6558	5	20
22 15 22 54	10 10 10·09		106 4 32·5		−8·7373	+9·6558	5	21
23 15 46 26	10 8 46·56		106 28 3·4		−8·7151	+9·6259	7	20
23 15 46 26	10 8 46·33		106 28 4·6		−8·7151	+9·6259	7	21
26 15 39 19	10 4 32·57	2·75	107 36 17·0	0·7	−8·7083	+9·6058	5	22
26 15 48 40	10 4 32·12		107 36 27·8		−8·6986	+9·5962	4	22
30 15 1 53	* + 2 49·97	2·34	* − 1 38·1	5·7	−8·7277	+9·6089	11	23
30 15 1 53	9 58 38·53	2·34	109 4 56·4	5·7	−8·7277	+9·6089	11	24
30 15 1 53	9 58 38·74	2·34	109 4 46·5	5·7	−8·7277	+9·6089	11	25
Nov. 3 15 51 28	9 52 11·10	3·01	110 32 29·7	7·6	−8·6397	+9·5013	3	26
6 15 8 43	9 47 5·16	2·84	111 35 35·3	14·7	−8·6833	+9·5191	7	27
6 15 8 43	9 47 5·15	2·84	111 35 30·6	14·7	−8·6833	+9·5191	7	28
6 16 1 11	9 47 0·78	2·71	111 36 14·6	9·9	−8·5901	+9·4457	6	29

Windsor Mean Time.	Comet's Apparent R.A.	Δα	Comet's Apparent N.P.D.	Δπ	Parallax Factors for R.A. Log. $\frac{p}{P}$	Parallax Factors for N.P.D. Log. $\frac{q}{P}$	No. of Comp.	Comp. Star.
d h m s	h m s		° ′ ″					
1882, Nov. 7 16 6 45	9 45 13·33	3·02	111 57 15·8	13·5	−8·5648	+9·4222	4	28
7 16 6 45	9 45 13·29	3·02	111 57 10·7	13·5	−8·5648	+9·4222	4	29
9 15 13 35	9 41 34·70	3·00	112 37 26·0	12·9	−8·6523	+9·4692	7	30
9 15 13 35	* + 4 5·01	3·00	112 37 26·0	12·9	−8·6523	+9·4692	7	31
9 15 13 35	9 41 35·04	3·00	112 37 26·3	12·9	−8·6523	+9·4692	7	32
10 14 47 41	9 39 42·36	2·98	112 57 15·4	15·4	−8·6846	+9·4945	10	33
10 15 46 17	9 39 37·01	3·09	112 58 3·5	14·9	−8·5754	+9·4016	5	33
14 13 54 56	9 31 40·51	4·25	114 14 33·8	19·3	−8·7249	+9·5230	10	34
14 13 54 56	9 31 40·57	4·25	114 14 56·8	19·3	−8·7249	+9·5230	10	31
18 14 36 21	9 22 47·35	3·70	115 29 42·5	25·9	−8·6312	+9·3779	6	36
20 15 30 53	9 17 59·60	3·31	116 5 11·8	24·9	−8·4508	+9·2251	7	37
20 15 30 53	9 17 59·62	3·31	116 5 14·5	24·9	−8·4508	+9·2251	7	38
20 15 30 53	9 17 59·51	3·31	116 5 14·8	24·9	−8·4508	+9·2251	7	39
20 15 36 15	* − 5 30·25	3·27	* + 15 8·3	23·8	−8·4303	+9·2158	6	40
22 14 30 14	9 13 12·74	3·03	116 37 55·5	35·9	−8·5944	+9·3059	10	41
22 14 30 14	9 13 12·41	3·03	116 37 51·6	35·9	−8·5944	+9·3059	10	42
30 15 19 40	8 51 44·31	2·69	118 34 39·1	53·8	−8·1711	+8·9793	1	43
30 15 19 40	8 51 43·48	2·69	118 34 38·8	53·8	−8·1711	+8·9793	1	44
Dec. 1 12 48 32	8 49 8·92		118 45 17·2		−8·6850	+9·3495	5	45

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Windsor Mean Time.	Comet's Apparent R.A.	Δα	Comet's Apparent N.P.D.	Δπ	Parallax Factors for R.A. Log. $\frac{p}{P}$	Parallax Factors for N.P.D. Log. $\frac{q}{P}$	No. of Comp.	Comp. Star.
d h m s	h m s		° ′ ″					
1882, Dec. 1 12 48 32	8 49 8·49		118 45 14·8		−8·6850	+9·3495	5	46
1 12 48 32	8 49 8·69		118 45 13·7		−8·6850	+9·3495	5	47
2 12 17 40	8 46 18·92		118 56 39·5		−8·7207	+9·4065	8	45
8 11 29 2	8 28 16·81		119 53 15·4		−8·7335	+9·4063	4	48
8 11 29 2	8 28 16·69		119 53 16·4		−8·7335	+9·4063	4	49
12 10 41 51	8 15 43·95		120 17 24·1		−8·7560	+9·4480	10	50
12 10 41 51	8 15 44·09		120 17 22·6		−8·7560	+9·4480	10	51
13 10 42 47	8 12 32·35		120 21 49·2		−8·7480	+9·4254	10	51
13 10 42 47	8 12 32·34		120 21 50·8		−8·7480	+9·4254	10	52
14 10 6 56	8 9 24·37		120 25 1·1		−8·7750	+9·4961	8	51
14 10 6 56	8 9 24·51		120 25 2·8		−8·7750	+9·4961	8	52
15 10 51 49	8 6 4·97		120 28 14·0		−8·7201	+9·3604	5	50
15 10 51 49	8 6 4·99		120 28 10·2		−8·7201	+9·3604	5	51
15 10 51 49	8 6 4·45		120 28 10·1		−8·7201	+9·3604	5	53
18 10 0 25	7 56 32·41		120 32 3·8		−8·7558	+9·4398	5	54
18 10 0 25	∗ − 0 25·62		∗ + 14 13·6		−8·7558	+9·4398	5	55
19 12 29 27	7 52 58·90		120 31 53·1		−8·3980	+8·9230	6	54
19 12 29 27	∗ − 3 59·04		∗ + 14 3·1		−8·3980	+8·9230	6	55
28 9 56 41	7 25 5·76		119 58 23·8		−8·6586	+9·2644	6	56
28 9 56 41	7 25 6·21		119 58 27·2		−8·6586	+9·2644	6	57

Windsor Mean Time.		Comet's Apparent R.A.	Δα	Comet's Apparent N.P.D.	Δπ	Parallax Factors for R.A. Log. $\frac{p}{P}$	Parallax Factors for N.P.D. Log. $\frac{q}{P}$	No. of Comp.	Comp. Star.
	d h m s	h m s		° ′ ″					
1882, Dec.	29 10 39 37	7 22 0·04		119 51 19·		−8·5397	+9·1086	6	57
1883, Jan.	1 9 4 21	7 13 24·64		119 26 57·3		−8·6986	+9·3504	4	58
	1 9 4 21	7 13 24·33		119 26 57·0		−8·6986	+9·3504	4	59
	7 10 35 4	6 56 53·57		118 22 6·2		−8·3072	+9·0396	6	60
	9 15 24 31	6 51 19·92		117 54 28·6		+8·7231	+9·4395	7	61
	9 15 24 31	6 51 20·03		117 54 27·1		+8·7231	+9·4395	7	62
	12 9 54 22	6 44 45·74		117 17 8·8		−8·3498	+9·1195	8	63
	12 9 54 22	6 44 45·55		117 17 5·9		−8·3498	+9·1195	8	64
	14 9 52 53	6 40 15·66		116 48 39·3		−8·2901	+9·1271	4	65
Feb.	6 10 10 50	6 4 16·54		110 43 58·6		+8·2620	+9·3691	4	66
	6 10 10 50	6 4 16·41		110 43 54·1		+8·2620	+9·3691	4	67
	7 10 10 45	6 3 19·00		110 28 10·3		+8·2888	+9·3810	10	68
	7 10 10 45	6 3 19·06		110 28 22·5		+8·2888	+9·3810	10	69
	12 10 39 53	5 59 7·48		109 10 2·4		+8·4987	+9·4603	12	70
	12 10 39 53	5 59 6·74		109 9 55·7		+8·4987	+9·4603	12	71
	26 8 33 14	5 52 20·83		105 49 51·1		+8·2060	+9·4927	4	72
	26 8 33 14	5 52 20·99		105 49 52·1		+8·2060	+9·4927	4	73
	26 8 33 14	5 52 20·53		105 49 52·2		+8·2060	+9·4927	4	74
	26 8 33 14	5 52 20·92		105 49 46·4		+8·2060	+9·4927	4	75
Mar.	2 9 1 48	5 51 29·44		104 57 23·8		+8·4237	+9·5330	5	76

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Mean Places of the Comparison Stars for the Beginning of the Year of Observation, and the Reductions to the Apparent Places for the Days of Observation.

Star.	Mean R.A.	Reduction. +	Mean N.P.D.	Reduction. +	Authority.
	h m s	s	° ′ ″	″	
1	10 14 44·00	2·03	95 36 29·8	11·4	Lalande, 20075.
2	10 19 50·51	2·03 2·05	96 27 57·8	11·5 11·5	Radcliffe Obs. 1858, 688; Wash. Cat. 1860, 4336; Gr. 7 Yr. Cat. 1864, 1265; Bruxelles Cat. 1874, 762.
3	10 35 57	2·04	97 26 20	11·7	Equatorial Obs.
4	10 33 35	2·05	97 20 55	11·7	
5	10 36 32·87	2·05	98 6 32·5	11·7	Lalande, 20677.
6	10 40 16·80	2·07	99 5 34·4	11·6	„ 20757.
7	10 43 48·94	2·07	99 13 32·8	11·7	„ 20850.
8	10 33 55	2·09	99 5 10	11·5	Star 9 mag., Equatorial Obs.
9	10 33 3	2·11	99 32 7	11·4	„ „ „
10	10 28 25·94	2·12	99 17 25·5	11·3	Wash. Cat. 1860, 4401.
11	10 30 25·02	2·13	99 58 13·2	11·3	Lalande, 20521.
12	10 31 20·99	2·18	101 8 5·1	11·2	„ 20545.
13	10 4 20·80	2·29	102 13 58·6	10·2	Radcliffe Obs. 1873, 506; Bruxelles Cat. 1873, 1596 and 1597; Cape Cat. 1880, 5507.
14	10 20 4·97	2·26	102 32 8·1	10·7	Lalande, 20242.
15	10 25 12·12	2·27	102 58 59·8	10·8	„ 20389.
16	10 5 49	2·36	103 42 12	10·1	Star 8½ mag., Equatorial Obs.

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Star.	Mean R.A. h m s	Reduction. + s	Mean N.P.D. ° ′ ″	Reduction. + ″	Authority.
17	10 2 53·79	2·43	105 2 3·7	9·8	Arg. Oeltzen, 10397 and 10398.
18	10 3 27·09	2·43	104 54 28·0	9·9	,, 10403 and 10404.
19	10 15 8·79	2·40	104 54 10·3	10·3	Lalande, 20089.
20	10 10 44·24	2·48	106 11 16·2	10·0	Arg. Oeltzen, 10490.
21	10 20 23·01	2·45	106 14 4·8	10·3	Nautical Almanac, 1882.
20	10 10 44·24	2·50	106 11 16·2	10·1	Arg. Oeltzen, 10490.
21	10 20 23·01	2·47	106 14 4·8	10·4	Nautical Almanac, 1882.
22	9 58 25·19	2·61	107 31 49·7	9·5	Arg. Oeltzen, 10327.
23	9 55 46	2·72	109 6 44	9·3	Star 8 mag., Equatorial Obs.
24	10 1 46·62	2·70	109 8 1·3	9·5	Arg. Oeltzen, 10381.
25	10 2 46·78	2·69	109 9 53·1	9·6	,, 10396.
26	9 52 15·56	2·83	110 37 7·7	9·1	,, 10252.
27	9 43 20·91	2·95	111 28 15·7	8·9	Lalande, 19275.
28	9 49 37·39	2·92	111 46 41·3	9·1	Arg. Oeltzen, 10212.
29	9 49 3·68	2·92	111 55 50·9	9·0	,, 10206.
28	9 49 37·39	2·96	111 46 41·3	9·2	,, 10212.
29	9 49 3·68	2·95	111 55 50·9	9·1	,, 10206.
30	9 33 42·32	3·07	112 33 46·4	8·7	,, 9965 and 9966.
31	9 37 27	3·05	112 25 39	8·8	Star 7½ mag., Equatorial Obs.
32	9 45 36·86	3·02	112 27 56·7	9·1	Arg. Oeltzen, 10163.

Star.	Mean R.A. h m s	Reduction. + s	Mean N.P.D. ° ′ ″	Reduction. + ″	Authority.
33	9 35 53·99	3·09	113 3 19·3	8·7	Arg. Oeltzen, 10014, 10015 and 10016.
34	9 29 7·96	3·23	114 0 20·2	8·8	„ 9859.
35	9 31 14·89	3·22	114 10 36·9	8·8	„ 9911 and 9912; Wash. Cat. 1860, 4011; Cape Cat. 1880, 5183.
36	9 16 16·15	3·39	115 27 50·1	8·6	Arg. Oeltzen, 9623 and 9624; Gr. Obs. 1859, 263; Wash. Cat. 1860, 3923; Melb. Cat. 1870, 468; Cape Cat. 1880, 4996.
37	9 21 25·68	3·43	116 3 56·7	9·0	Arg. Oeltzen, 9725.
38	9 24 26·89	3·42	116 4 38·7	9·1	Wash. Cat. 1860, 3970; Wash. Obs. 1873, 214, and 1874, 64; Bruxelles Cat. 1873, 1497; Cape Cat. 1880, 5091.
39	9 24 40·27	3·42	116 4 24·4	9·1	Wash. Cat. 1860, 3974; Wash. Obs. 1873, 215, and 1874, 65; Radcliffe Obs. 1872, 465, and 1876, 368; Bruxelles Cat. 1873, 1498; Cape Cat. 1880, 5095.
40	9 23 26	3·43	115 49 54	9·1	Star 8 mag., Equatorial Obs.
41	9 10 49·26	3·52	116 42 17·1	8·8	Arg. Oeltzen, 9522; Wash. Cat. 1860, 3893; Cape Cat. 1880, 4935.
42	9 12 58·50	3·52	116 47 9·6	8·9	„ 9564.
43	8 54 15·21	3·82	118 20 55·3	9·5	„ 9215; Wash. Cat. 1860, 3798; Bruxelles Cat. 1873, 1425; Cape Cat. 1880, 4772.
44	9 0 4·84	3·80	118 32 52·5	9·7	Wash. Cat. 1860, 3832; Cape Cat. 1880, 4829.
45	8 45 5·45	3·85	119 1 28·6	9·2	Radcl. Obs. 1874, 507; Wash. Cat. 1860, 3726; Cape Cat. 1880, 4676.
46	8 45 25·64	3·85	118 49 49·8	9·2	Wash. Mural Cir. Zone, 102, 56.
47	8 51 20·52	3·83	118 59 58·9	9·4	Wash. Merid. Tr. Zone, 215, 48; Wash. Mur. Cir. Zone, 102, 59.
45	8 45 5·45	3·88	119 1 28·6	9·4	Radc. Obs. 1874, 507; Wash. Cat. 1860, 3726; Cape Cat. 1880, 4676.
48	8 24 28·68	4·09	119 58 24·6	10·0	Arg. Oeltzen, 8610; Wash. Cat. 1860, 3435.
49	8 25 2·51	4·09	119 55 52·0	10·0	„ 8620; Wash. Cat. 1860, 3440; Cape Cat. 1880, 4401.

Star.	R.A. h m s	Reduction. + s	Mean N.P.D. ° ′ ″	Reduction. + ″	Authority.
50	8 10 16·45	4·22	120 29 52·2	10·5	Arg. Oeltzen, 8280; Wash. Cat. 1860, 3332.
51	8 11 8·75	4·21 4·24	120 33 50·3	10·5 10·8	" 8295; Wash. Cat. 1860, 3338; Cape Cat. 1880, 4236.
52	8 18 44·30	4·23	120 25 19·2	11·1	" 8484; Wash. Cat. 1860, 3390.
51	8 11 8·75	4·27	120 33 50·3	11·1	" 8295; Wash. Cat. 1860, 3338; Cape Cat. 1880, 4236.
52	8 18 44·30	4·26	120 25 19·2	11·4	" 8484; Wash. Cat. 1860, 3390.
50	8 10 16·45	4·29	120 29 52·2	11·4	" 8280; Wash. Cat. 1860, 3332.
51	8 11 8·75	4·29	120 33 50·3	11·4	" 8295; Wash. Cat. 1860, 3338; Cape Cat. 1880, 4236.
53	8 15 20·26	4·28	120 43 35·3	11·5	Wash. Cat. 1860, 3364; Cape Cat. 1880, 4278.
54	7 50 34·28	4·38	120 36 28·9	11·5	" 1880, 3240.
55	7 56 54	4·38	120 18	11·8	Star 8 mag., Equatorial Obs.
54	7 50 34·28	4·40	120 36 28·9	11·8	Wash. Cat. 1860, 3240.
55	7 56 54	4·40	120 18	12·1	Star 8 mag., Equatorial Obs.
56	7 19 4·55	4·56	120 13 17·2	13·2	Arg. Oeltzen, 6742; Radc. Obs. 1858, 529; Wash. Cat. 1860, 3006; Greenw. 7 Yr. Cat. 1864, 928; Bruxelles Cat. 1873, 1141; Cape Cat. 1880, 3620.
57	7 19 17·57	4·56 4·57	119 59 17·0	13·2 13·6	Arg. Oeltzen, 6750; Bruxelles Cat. 1874, 400; Wash. Obs. 1875, 322; Cape Cat. 1880, 3624.
58	7 12 23·97	2·26	119 31 16·9	7·9	Wash. Cat. 1860, 2945.
59	7 18 21·71	2·26	119 31 33·4	7·8	Arg. Oeltzen, 6721.
60	6 56 5·03	2·28	118 19 27·2	10·2	" 6051 and 6052; Wash. Cat. 1860, 2834; Cape Cat. 1880, 3358.

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Star.	Mean R.A. h m s	Reduction. + s	Mean N.P.D. ° ′ ″	Reduction. + ″	Authority.
61	6 54 55·65	2·29	117 43 50·1	10·8	Wash. Cat. 1860, 2827; Cape Cat. 1880, 3341.
62	6 57 3·52	2·29	117 46 4·9	10·8	Arg. Oeltzen, 6085 and 6086; Greenw. 6 Yr. Cat. 1850, 530; Radcliffe Obs. 1858, 499; Wash. Cat. 1860, 2845; Wash. Obs. 1875, 301; Cape Cat. 1880, 3370.
63	6 40 11·74	2·26	117 13 55·0	12·0	Arg. Oeltzen, 5615 and 5616; Wash. Cat. 1860, 2729; Wash. Obs. 1873, 161, and 1874, 36; Cape Cat. 1880, 3179.
64	6 43 54·35	2·27	117 15 2·4	11·9	Arg. Oeltzen, 5718, 5719, 5720 and 5721; Wash. Cat. 1860, 2747; Cape Cat. 1880, 3216.
65	6 48 18·32	2·28	116 48 41·2	12·4	Wash. Merid. Tr. Zone, 210,9; Wash. Mur. Cir. Zone, 152,8.
66	6 4 13·04	1·97	110 39 45·3	16·9	Arg. Oeltzen, 4697.
67	6 13 59·30	2·02	110 52 42·3	17·0	Lalande, 12118; Arg. Oeltzen, 4937 (Arg. Oeltzen R.A. rejected).
68	6 4 45·43	1·96	110 28 54·2	17·0	„ 11775; Arg. Oeltzen, 4709 and 4710.
69	6 10 6·41	1·99	110 14 20·1	17·0	„ 11984.
70	6 2 36·23	1·89	109 9 11·8	17·5	Arg. Oeltzen, 4665, 4667 and 4668; Greenw. 7 Yr. Cat. 1864, 787; Bruxelles Cat. 1873, 932; Cape Cat. 1880, 2801.
71	6 3 4·55	1·89	109 24 56·4	17·5	Lalande, 11721; Arg. Oeltzen, 4679 (1′ subtracted from Arg. Oeltzen N.P.D.).
72	5 49 7·99	1·61	105 45 20·9	17·8	Arg. Oeltzen, 4416.
73	5 50 53·24	1·62	105 32 28·5	17·8	„ 4448.
74	5 54 30·17	1·64	105 48 50·6	18·0	Lalande, 11409.
75	5 56 22·99	1·65	105 35 27·6	17·9	Arg. Oeltzen, 4541 and 4542.
76	6 0 51·60	1·61	104 55 32·9	18·2	„ 4621; Greenw. Obs. 1859, 169; Cape Cat. 880, 2780.

Windsor, N. S. Wales:
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